



UNITED STATES MARINE CORPS  
MARINE CORPS INSTALLATIONS PACIFIC  
CAMP SMEDLEY D. BUTLER, OKINAWA  
UNIT 35006  
FPO AP 96373-5006

IN REPLY REFER TO:  
5090  
F/EAB/28238  
12 Jan 15

MEMORANDUM

From: Environmental Management System (EMS) Manager, Marine Corps Installations Pacific (MCIPAC)

To: Distribution List

Subj: COMMANDER'S ENVIRONMENTAL MANAGEMENT REVIEW BOARD (CEMRB)  
MEETING MINUTES

Ref: (a) MCO P5090.2A  
(b) MCIPACO 5090.1  
(c) III MEF/MCIPACO 5090.1A

Encl: (1) Attendance Roster  
(2) CEMRB Briefing Slides (Updated 29 Dec 14)

1. Per the references, the MCIPAC/Marine Corps Base Camp Butler (MCB Butler) CEMRB meeting convened on Tuesday, 23 Dec 14 at the Base Emergency Operations Center, Bldg. 1C, Camp Foster. Combined Arms Training Center (CATC) Camp Fuji, Marine Corps Base (MCB) Hawaii, Marine Corps Air Station (MCAS) Iwakuni, and Camp Mujuk participated via video teleconference.

2. The meeting was chaired by the Commanding General (CG), MCIPAC and the list of attendees is contained in enclosure (1).

3. The meeting began at 0800 hours and the briefing slides used by Mr. Burt Williams, Environmental Officer, MCIPAC EMS Manager, are contained in enclosure (2). The briefing slides were updated on 29 Dec to reflect additional data as requested by the CG. The following is a summary of the meeting discussion:

a. MCIPAC and Installations. EMS is based on ISO 14001 and is required by Executive Order and Marine Corps Order.

(1) MCIPAC EMS: The MCIPAC Environmental Policy Statement was signed in 2013 by the CG. MCIPACO 5090.1 establishes the MCIPAC EMS Core Team that meets semi-annually and the MCIPAC CEMRB that meets annually. Today's meeting is a combined senior management review board for MCIPAC and MCB Butler.

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MINUTES

(2) Installation-Level EMS (Butler, Iwakuni, Fuji, Mujuk, Hawaii): Risk ranking, establishing objectives and targets, developing operational controls, checking and corrective action (Environmental Compliance Evaluations (ECE)) and cross functional teams are maintained at the installation level.

b. The MCIPAC Environmental Policy Statement was reviewed by the EMS Core Teams who determined that the policy is current and effective. It has been translated into Korean and Japanese and no changes are needed at this time. As a reminder, installations in Japan and Korea will not be required to have a separate policy. To comply with reference (a), MCB Hawaii must maintain an installation-level policy that commits to cleanup of contaminated sites.

c. MCB Butler Status of FY14 Objectives and Targets.

(1) Objective 1: Reduce the impact of solid waste generation. Target: Divert 68% of non-hazardous solid waste from the waste stream by FY14. Status: Surpassed the Department of Defense (DoD) target of 50%, but did not meet the aggressive 68% MCB Butler target; instead, 55% of the non-hazardous solid waste was diverted from the waste stream in FY14. The Qualified Recycling Program Committee will continue to implement efforts to increase recycling.

(2) Objective 2: Reduce electricity use in buildings. Target: Reduce energy intensity of facilities by 37.5% by FY20 using FY03 as baseline. (FY14 Target: 3% reduction from FY13). Status: Target was not achieved. MCB Butler realized a 0.5% reduction from FY13. The overall energy intensity reduction from the FY03 baseline at the end of FY14 is 4.35%. The Utilities Conservation and Appraisal Board will be closely monitoring and reporting on the progress of this target.

(3) Objective 3: Reduce vehicle fuel consumption and air emissions. Target: Reduce use of petroleum products by vehicle fleets by 30% by FY20 using 2005 as baseline (FY14 Target: 2% from FY13). Status: Surpassed MCB Butler and DoD targets. MCB Butler reduced fuel by 30.7% since 2005. This impressive reduction was achieved by analyzing the fleet and implementing system and methodology change to exploit efficiencies.

(4) Objective 4: Reduce hazardous waste disposal. Target: Reduce contaminated absorbent (consorb) waste disposal by 5% in FY14. Status: MCB Butler surpassed this target by achieving reducing consorb waste by 18.5% and saving \$14K in disposal costs in FY14.

d. MCB Hawaii Status of FY14 Objectives and Targets.

(1) Objective 1: Reduce Water Consumption. Target: Restore the effluent irrigation system for the golf course to eliminate the use of potable water by 2014. Status: Target was achieved.

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(2) Objective 2: Restore the effluent irrigation system for the golf course to eliminate the use of potable water by 2014. Target: Increase the amount of reconditioned Hawker vehicle batteries ready for reuse due to electrical upgrades made at HAZMIN Center in 2013. Status: Target achieved.

(3) Objective 3: Increase use of plug-in hybrid (PIH) vehicles. Target: Replace 34 GME to PIH vehicles. Status: Target achieved.

e. MCAS Iwakuni Status of FY14 Objectives and Targets.

(1) Objective 1: Investigate methods to extend the review and signing of the Spill Prevention & Response Plan. Target: Make pen and ink changes to the Spill Prevention & Response Plan with reviews made by the Facilities Engineering office. Status: Target achieved.

(2) Objective 2: Provide spill containment for the North retention pond. Target: Stage equipment and install retaining berms, flow gates, and/or tide risers in North Pond. Status: Work in progress. Retention has been broken down into two phases, interim spill protection and construction of permanent solutions. Estimated Completion Dates (ECD): Phase I - March FY15, Phase II - Fall FY 16

(3) Objective 3: Rejuvenate EMS Program. Target: Ensure compliance with 17 elements of EMS. Status: Work in progress. About half of the 17 elements have been redrafted and are current. ECD: September FY15

f. CATC Camp Fuji Status of FY14 Objectives and Targets.

(1) Objective 1: Reduce the impact of solid waste generation. Target: Divert 50% of non-hazardous solid waste from the waste stream by FY15 (FY14 Target: 20%). Status: Surpassed Fuji and DoD targets. Diverted 79%.

(2) Objective 2: Reduce electricity use. Target: Reduce energy intensity of facilities by 37.5% by FY20 using FY03 as baseline (FY14 Target: 3% reduction from FY13). Status: Work in progress. Increased by 0.31% due to harsh winter, increase in training units. ECD: FY20. The Utilities Conservation and Appraisal Board will be closely monitoring and reporting on the progress of this target.

(3) Objective 3: Reduce vehicle fuel consumption and air emissions. Target: Reduce use of petroleum products by vehicle fleets by 20% by FY20 using 2011 as baseline (FY14 Target 3% from FY13). Status: Target achieved. Greenline is now available at Camp Fuji.

(4) Objective 4: Reduce impacts of leaks and spills from vehicle operations. Target: Reinforce and inspect procedures requiring spill kits in all government vehicles and notify the incoming Marines how to respond to spills and handle the hazardous

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waste. Status: Target achieved. Spill kits were added to all government vehicles. During the new join brief, all incoming Marines are taught basic vehicle spill response.

g. Camp Mujuk Status of FY14 Objectives and Targets.

(1) Objective 1: Improve EMS Procedures. Targets included developing new EMS Procedures, conducting an annual review of the installation's practice inventory and risk ranking, and performing annual Self-EMS and ECE Audits. Status: All targets were achieved.

(2) Objective 2: Improve Plans for Environmental Compliance. Target 1: Develop Slug Prevention Plan. Status: Work in progress. ECD: July 15. Target 2: Develop Hazardous Waste Management Plan. Status: Target achieved. MCIPAC drafted the plan for Camp Mujuk.

h. The MCB Butler EMS Core Team developed the following MCB Butler FY15 Objectives & Targets for the Commanding General's approval:

(1) Objective 1: Reduce the impact of solid waste generation. Target 1: Divert 55% of non-hazardous solid waste from the waste stream in FY15.

(2) Objective 2: Reduce electricity use in buildings. Target: Implement the Unit Energy Manager program in FY15

(3) Objective 3: Ensure proper management of hazardous material (HM) and hazardous waste (HW). Target: Ensure the (b)(6) contractor is in compliance with applicable environmental and safety requirements.

Action Item: The target for objective 2 was changed after the CEMRB meeting. The Assistant Chief of Staff G-F will brief the CG on the updated CEMRB briefing slides and the target change.

Action Item: MCAS Futenma will establish their own objectives and targets for FY15.

i. Environmental Compliance Evaluations (ECE). A Benchmark ECE is conducted by MCICOM every 3 years. The purpose is to assess environmental compliance status and recommend appropriate corrective and preventive actions or improvements. The following are the MCICOM Benchmark ECE dates:

- (1) Camp Butler and MCAS Futenma: 2013/2016
- (2) Camp Mujuk: 2013/2016
- (3) MCB Hawaii: 2013/2016
- (4) CATC Camp Fuji: 2014/2017

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(5) MCAS Iwakuni: 2014/2017

j. Status of FY 13/14 MCIPAC ECE Benchmark Findings. MCIPAC had 13 positive findings for going above and beyond the requirements. 258 findings have already been resolved and closed. A Plan of Action and Milestones was prepared for each of the remaining 94 finding listed as "in progress".

k. MCB Butler Environmental Compliance Status. MCICOM identified the following number of findings during the FY13 Benchmark ECE:

(1) Class I (findings against the Japan Environmental Governing Standards (JEGS) or Korea Environmental Governing Standards (KEGS) for overseas locations. Findings against federal, state, local law or permit for stateside locations): 41

(2) Class II (not in compliance with a future requirement): 0

(3) Class III (findings against Marine Corps Orders, SOPs, Navy or DoD directives): 39

(4) Management Practice (general recommendations): 30

(5) Positive: 4

l. MCAS Iwakuni Environmental Compliance Status. MCICOM identified the following number of findings during the FY14 Benchmark ECE:

(1) Class I: 22

(2) Class II: 4

(3) Class III: 32

(4) Management Practice: 16

(5) Positive: 2

m. CATC Camp Fuji Environmental Compliance Status. MCICOM identified the following number of findings during the FY14 Benchmark ECE:

(1) Class I: 15

(2) Class II: 1

(3) Class III: 17

(4) Management Practice: 13

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(5) Positive: 1

n. Camp Mujuk Environmental Compliance Status. MCICOM identified the following number of findings during the FY13 Benchmark ECE:

(1) Class I: 27

(2) Class II: 0

(3) Class III: 8

(4) Management Practice: 10

(5) Positive: 0

o. MCB Hawaii Environmental Compliance Status. MCICOM identified the following number of findings during the FY13 Benchmark ECE:

(1) Class I: 29

(2) Class II: 0

(3) Class III: 34

(4) Management Practice: 13

(5) Positive: 6

p. Environmental Awards.

(1) MCB Hawaii received the 2014 Secretary of Defense Environmental Award for Natural Resources Conservation, Small Installation.

(2) MCB Butler received the 2014 Secretary of Defense Meritorious Achievement in Natural Resources Conservation, Individual/Team for (b)(6)

q. How Commanders Can Help.

(1) Communicate the Environmental Policy by posting it websites and on employee boards.

(2) Support objectives and targets and EMS teams.

(3) Emphasize the following to your units: Maintain clean, well-managed HAZMAT storage and hazardous waste accumulation areas; clean small spills quickly; call 911 for large spills; properly dispose of all waste prior to deployment; support recycling program, conserve energy & water in living and work areas, especially in barracks.

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- (4) Maintain close contact with your environmental staff.
- r. Contact information was provided for all MCIPAC Environmental Directors and Coordinators. See page 20 of Enclosure (2).
- s. The MCIPAC Deputy asked about spills aboard MCIPAC installations. Slides 23-25 of Enclosure (2) were added to address his concerns.
- t. The CG concluded the meeting by congratulating the environmental award winners and thanking everyone for their hard work and effort in FY14.
4. The meeting adjourned at 0850. Installations will present the status of their FY15 objectives and targets at the next CEMRB meeting. The point of contact is (b)(6) (b)(6) EMS Coordinator, (b)(6)

(b)(6)

Distribution:

MCIPAC CEMRB Members  
EMS Files

Commander's Environmental Management Review Board  
MCIPAC/MCB Butler  
23 December 2014

NAME	SIGNATURE	TITLE/UNIT	E-MAIL
(b) (6)			

Comme[REDACTED]r's Environmental Management Review Board  
MCIPAC/MCB Butler  
23 December 2014

NAME	SIGNATURE	TITLE/UNIT	E-MAIL
[REDACTED]	[REDACTED]	[REDACTED]	(b) (6)

U

Commissioner's Environmental Management Review Board  
MCIPAC/MCB Butler  
23 December 2014

		(b) (6)
<b>NAME</b>	<b>SIGNATURE</b>	<b>TITLE/UNIT</b>

E-MAIL

Commander's Environmental Management Review Board  
MCIPAC/MCB Butler  
23 December 2014

(b) (6)

NAME	SIGNATURE	TITLE/UNIT	E-MAIL

(b) (6)



*Chairperson*

*Facilitator:*

*Commander's Environmental Management Review Board (CEMRB)*

*23 December 2014*

*Updated 29 December 2014*



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## Agenda

- 
- Environmental Management Systems (EMS)
  - MCIPAC Environmental Policy Statement
  - Status of FY14 Objectives and Targets
  - FY15 Proposed Objectives and Targets (MCB Camp S. D. Butler)
  - Environmental Compliance Evaluation (ECE) Status
  - Environmental Awards
  - How Commanders Can Help

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# *Environmental Management System (EMS)*

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- EMS is required by Executive Order and Marine Corps Order
- MCIPAC EMS
  - MCIPACO 5090.1 EMS
  - MCIPAC Environmental Policy Statement
  - MCIPAC EMS Core Team
  - Annual Management Review (CEMRRB)
- Installation-Level EMS (Butler, Iwakuni, Fuji, Mujuk, Hawaii)
  - Risk Ranking
  - Objectives and Targets
  - Operational Controls (SOPs, etc)
  - Checking and Corrective Action (ECEs)
  - Cross Functional Teams

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Enclosure (2)



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**MCIPAC**

# Environmental Policy Statement

- Annual review required by Marine Corps Order
- Reviewed by Core Teams
- Recommend no changes at this time

(b) (6)



(b) (6)



(b) (6)



## Marine Corps Installations Pacific Environmental Policy

The natural environment is a key asset to the mission of Marine Corps Installations Pacific (MCIPAC). MCIPAC's strategy is to enhance the Marine Corps by incorporating environmental principles, efficient natural resource management practices and the interests of the local community into mission execution. To this end, we will always strive to protect and preserve the land, water, air, and cultural resources within our regions by using the following:

- Consistency with all applicable environmental legislation, Federal, State, regional, and policy.
- Implementing pollution prevention through waste reduction and recycling.
- Conserving natural resources and preventing cultural resources.
- Implementing sustainability initiatives
- Maintaining risk to mission
- Conducting appropriate review of potential environmental impacts of all Federal actions

Operational readiness is the hallmark of the Marine Corps and environmental compliance is the key to mission and enhancing mission readiness and access to training environments. MCIPAC is committed to promoting responsible stewardship while continually improving environmental performance through effective use of efficient Environmental Management Systems (EMS).

(b) (6)

Major General, U.S. Marine Corps  
Commanding General, Marine Corps Installations Pacific

Sept 2013  
ENS-016

(b) (6)

MAJOR GENERAL, U.S. MARINE CORPS  
COMMANDING GENERAL, MARINE CORPS INSTALLATIONS PACIFIC

Sept 2013  
ENS-016

(b) (6)

MAJOR GENERAL, U.S. MARINE CORPS  
COMMANDING GENERAL, MARINE CORPS INSTALLATIONS PACIFIC

Sept 2013

(b) (6)

MAJOR GENERAL, U.S. MARINE CORPS  
COMMANDING GENERAL, MARINE CORPS INSTALLATIONS PACIFIC

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Enclosure (2)



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## MCB Butler Status

### FY14 EMS Objectives & Targets

Objectives	Targets	Status
1. Reduce the impact of solid waste generation	Divert 68% of non-hazardous solid waste from the waste stream in FY14	Surpassed DoD target (50%). Diverted 55%
2. Reduce electricity use in buildings	Reduce energy intensity of facilities by 37.5% by FY20 using FY03 as baseline (FY14 Target: 3% reduction from FY13)	In progress. Reduced by 0.5% from FY13. Reduced 4.35% since FY03. ECD: FY20
3. Reduce vehicle fuel consumption and air emissions	Reduce use of petroleum products by vehicle fleets by 30% by FY20 using 2005 as baseline (FY14 Target: 2% from FY13)	Surpassed Butler and DoD targets. Reduced fuel by 30.7% since 2005
4. Reduce hazardous waste disposal	Reduce contaminated absorbent (consorb) waste disposal by 5% in FY14	Surpassed target. Achieved 18.5% reduction and \$14K in disposal cost savings
5. Integrate radon data into GIS	Integrate radon data into Geographic Information System (GIS) in FY14	Target hit

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Enclosure (2)



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# MCB Hawaii Status FY14 EMS Objectives & Targets

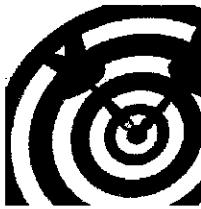
Objectives	Targets	Status
1. Reduce Water Consumption	Restore the effluent irrigation system for the golf course to eliminate the use of potable water by 2014	Target hit
2. Increase Diversion of Solid Waste	Increase the amount of reconditioned Hawker vehicle batteries ready for reuse due to electrical upgrades made at HAZMIN Center in 2013	Target hit
3. Increase use of plug-in hybrid (PIH) vehicles	Replace 34 GME to PIH vehicles.	Target hit

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# MCAS Iwakuni Status FY14 EMS Objectives & Targets

Objectives	Targets	Status
1. Investigate methods to extend the review and signing of the Spill Prevention & Response Plan	Make pen and ink changes to the Spill Prevention & Response Plan with reviews made by the Facilities Engineering office	 Target hit
2. Provide spill containment North retention pond	Stage equipment, install retaining berms, flow gates, and/or tide risers in North Pond	Retention has been broken down into two phases. Interim spill protection and construction of permanent solutions ECD: Phase I March FY15 Phase II Fall FY 16 
3. Rejuvenate EMS Program	Ensure compliance with 17 elements of EMS	Work in progress. About half of the 17 elements have been redrafted and are current. ECD: September FY15 



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# CATC Camp Fuji Status

## FY14 EMS Objectives & Targets

Objectives	Targets	Status
1. Reduce the impact of solid waste generation	Divert 50% of non-hazardous solid waste from the waste stream by FY15 (FY14 Target: 20%)	Surpassed Fuji and DoD targets. Diverted 79%.
2. Reduce electricity use	Reduce energy intensity of facilities by 37.5% by FY20 using FY03 as baseline (FY14 Target: 3% reduction from FY13)	Work in progress. Increased 0.31% due to harsh winter, increase in training units. ECD: FY20
3. Reduce vehicle fuel consumption and air emissions	Reduce use of petroleum products by vehicle fleets by 20% by FY20 using 2011 as baseline (FY14 Target 3% from FY13)	Target hit Greenline now available at Fuji
4. Reduce impact of leaks and spills from vehicle operations	Reinforce and inspect procedures requiring spill kits in all government vehicles and notify the incoming Marines how to respond to spills and handle the hazardous waste	Target hit



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# Camp Mujuk Status

## FY14 EMS Objectives & Targets

Objectives	Targets	Status
1. Improve EMS Procedures	Develop new EMS Procedures (ex. Turnover folder)	Target hit
	Conduct annual review of PAI inventory & risk ranking	Target hit
	Perform annual Self-EMS & ECE Audit	Target hit
2. Improve Plans for Environmental Compliance	Develop Slug Prevention Plan Develop Hazardous Waste Management Plan	Work in progress. ECD: Jul 15 Target hit. MCIPAC drafted plan

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# MCB Butler (*Proposed*)

## FY15 EMS Objectives & Targets

Objectives	Targets
1. Reduce the impact of solid waste generation	Divert 55% of non-hazardous solid waste from the waste stream in FY15
2. Reduce electricity use in buildings	Implement the Unit Energy Manager program in FY15
3. Ensure proper management of hazardous material (HM) and hazardous waste (HW)	Ensure the Joint Environmental Material Management Service (JEMMS) contractor is in compliance with applicable Environmental and Safety requirements

Note: MCAS Futenma will establish their own objectives and target in FY15.  
Utilities Conservation and Appraisable Board will be conducted with CEMRB in FY16.

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Enclosure (2)



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## *Environmental Compliance Evaluations*

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- Purpose of the ECE: Assess environmental compliance status and recommend appropriate corrective/preventive actions or improvements
- Benchmark ECE conducted by MCICOM on 3-year cycle
  - Camp Butler/MCAS Futenma: 2013/2016
  - Camp Mujuk: 2013/2016
  - MCB Hawaii: 2013/2016
  - CATC Camp Fuji: 2014/2017
  - MCAS Iwakuni: 2014/2017
- Self-ECEs are conducted in years when Benchmark is not

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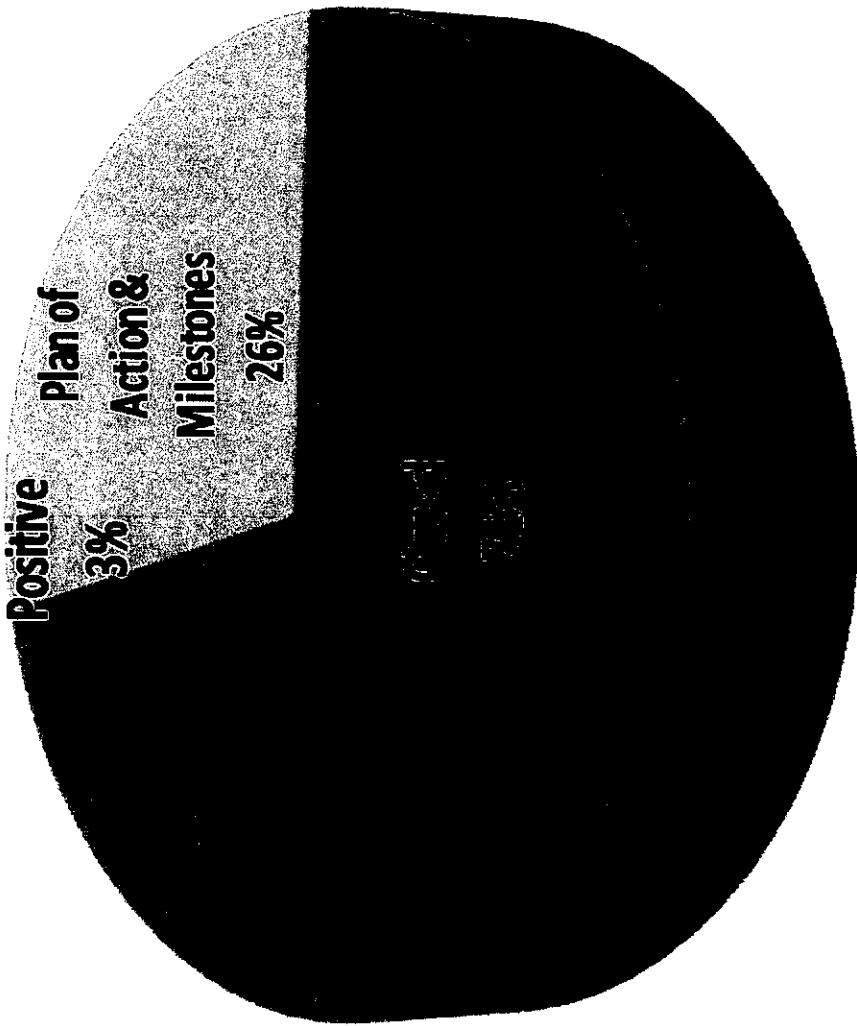


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# *MCIPAC Environmental Compliance Evaluations*

## *Status of FY 13/14 Benchmark Findings*

ECE FINDINGS	
Status	Qty
Unmet	258
POA&M	94
Positive	13



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Enclosure (2)



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# FY13 ECE Results: MCB Butler

Program	Class I	Class II	Class III	Mgmt Practice	Positive	Total
Hazardous Waste	11	0	14	6	0	31
Waste Water	6	0	5	1	0	12
POL	7	0	0	3	1	11
Hazardous Materials	6	0	3	1	0	10
Air Emissions	2	0	4	2	0	8
Pesticide Mgmt	1	0	3	2	2	8
Solid Waste	2	0	1	5	0	8
Storage Tank	4	0	0	3	0	7
Radon	0	0	3	1	0	4
EMS	0	0	1	2	0	3
Water Quality	2	0	1	0	0	3
NEPA	0	0	0	1	1	2
Cultural Resources	0	0	0	1	0	1
Natural Resources	0	0	0	1	0	1
Program Mgmt	0	0	1	0	0	1
Waste Munitions	0	0	1	0	0	1
PCB Mgmt	0	0	1	0	0	1
Asbestos Mgmt	0	0	1	0	0	1
LBP Mgmt	0	0	0	1	0	1
<b>Total Findings</b>	<b>41</b>	<b>0</b>	<b>39</b>	<b>30</b>	<b>4</b>	<b>114</b>

Compare FY09  
130 Total findings  
120 Class 1

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## FY14 ECE Results: MCAS/wakuni

Compare FY10  
Total findings  
16 31 Class 1

Program	Class I	Class II	Class III	Mgmt Practice	Positive	Total
Hazardous Waste	1	0	14	1	0	<b>16</b>
Solid Waste	7	0	4	5	0	<b>16</b>
EMS	0	0	8	1	0	<b>9</b>
POL	2	1	1	3	2	<b>9</b>
Hazardous Materials	6	0	1	1	0	<b>8</b>
Pollution Prevention	0	2	1	0	0	<b>3</b>
Pesticide Mgmt	3	0	0	0	0	<b>3</b>
Waste Water	2	1	0	0	0	<b>3</b>
Air Emissions	1	0	1	0	0	<b>2</b>
PCB Mgmt	0	0	1	1	0	<b>2</b>
Radon	0	0	0	2	0	<b>2</b>
Water Quality	0	0	1	1	0	<b>2</b>
Program Mgmt	0	0	0	1	0	<b>1</b>
<b>Total Findings</b>	<b>22</b>	<b>4</b>	<b>32</b>	<b>16</b>	<b>2</b>	<b>76</b>

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# FY14 ECE Results:

## CATC Camp Fuji

Program	Class I	Class II	Class III	Mgmt Practice	Positive	Total
Hazardous Waste	5	1	4	2	0	12
EMS	0	0	6	0	0	6
Waste Munitions	0	0	5	1	0	6
POL	3	0	0	2	0	5
Solid Waste	3	0	0	1	0	4
Pollution Prevention	0	0	1	2	0	3
Program Mgmt	0	0	0	2	0	2
Storage Tank	1	0	0	1	0	2
Water Quality	1	0	0	1	0	2
Air Emissions	0	0	1	0	0	1
Cultural Resources	0	0	0	1	0	1
Hazardous Materials	0	0	0	0	1	1
Pesticide Mgmt	1	0	0	0	0	1
Wastewater	1	0	0	0	0	1
<b>Total Findings</b>	<b>15</b>	<b>1</b>	<b>17</b>	<b>13</b>	<b>1</b>	<b>47</b>

FY09  
Compare FY09  
Total findings  
25 Class 1  
38 Total Class 1

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## FY13 ECE Results: Camp Mujuk

Program	Class I	Class II	Class III	Mgmt Practice	Positive	Total
Hazardous Waste	3	0	1	4	0	8
Water Quality	5	0	0	1	0	6
POL	5	0	0	0	0	5
Waste Water	4	0	0	1	0	5
Pesticide Mgmt	2	0	1	1	0	4
Solid Waste	3	0	0	1	0	4
Hazardous Materials	1	0	1	1	0	3
Program Mgmt	0	0	3	0	0	3
Cultural Resources	1	0	0	0	0	1
EMS	0	0	1	0	0	1
Natural Resources	1	0	0	0	0	1
Pollution Prevention	0	0	1	0	0	1
Storage Tank	0	0	0	1	0	1
PCB Mgmt	1	0	0	0	0	1
Asbestos Mgmt	1	0	0	0	0	1
<b>Total Findings</b>	<b>27</b>	<b>0</b>	<b>8</b>	<b>10</b>	<b>0</b>	<b>45</b>

Compare FY09  
Total findings  
60 Total Class 1  
21 Class 1

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16

Enclosure (2)



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# FY13 ECE Results: MCB Hawaii

Program	Class I	Class II	Class III	Mgmt Practice	Positive	Total
Hazardous Materials	4	0	10	3	0	<b>17</b>
Hazardous Waste	5	0	7	1	1	<b>14</b>
Solid Waste	7	0	3	0	1	<b>11</b>
EMS	0	0	3	5	0	<b>8</b>
POL	5	0	0	2	0	<b>7</b>
Cultural Resources	1	0	3	0	1	<b>5</b>
Pesticide Mgmt	0	0	4	0	0	<b>4</b>
Wastewater	3	0	0	0	0	<b>3</b>
Water Quality	2	0	0	1	0	<b>3</b>
Air Emissions	2	0	0	0	0	<b>2</b>
NEPA	0	0	2	0	0	<b>2</b>
Program Mgmt	0	0	0	1	1	<b>2</b>
Natural Resources	0	0	0	0	1	<b>1</b>
Environmental Noise	0	0	1	0	0	<b>1</b>
Pollution Prevention	0	0	0	0	1	<b>1</b>
Storage Tank	0	0	1	0	0	<b>1</b>
<b>Total Findings</b>	<b>29</b>	<b>0</b>	<b>34</b>	<b>13</b>	<b>6</b>	<b>82</b>

Compare FY09  
95 Total Class  
41 Class



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## *Environmental Awards*

- MCB Hawaii
  - 2014 Secretary of Defense Environmental Award for Natural Resources Conservation, Small Installation
- MCB Camp S. D. Butler
  - 2014 Secretary of Defense Meritorious Achievement in Natural Resources Conservation, Individual/Team
    - 
    -

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## ***How Commanders Can Help***

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- Communicate Environmental Policy
- Support FY15 Objectives and Targets and working groups
- Emphasize the following to your units:
  - Minimize use of hazardous materials
  - Maintain clean, well managed hazardous waste accumulation areas
    - Clean small spills quickly; call 911 for large spills
    - Properly dispose of all waste prior to deployment
    - Support recycling program in living and work areas, especially in barracks
  - Conserve energy & water at work and barracks
- Maintain close contact with your camp/station environmental staff

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## *Environmental Directors/Coordinators*

- MCB Hawaii - |  
(b) (6)
- MCAS Iwakuni
- CATC Camp Fuji
  
- Camp Mujuk –  
(b) (6)
- MCAS Futenma
- Camp Kincaid –  
(b) (6)
  
- Camp Foster/Lester –|  
(b) (6)
- Camp Hansen/Courtney  
(b) (6)
  
- Camp Schwab/JWTC –

(b) (6)

(b) (6)

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## Questions



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# **BACKUP SLIDES**

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# Spill Response Requirements

- Japan Environmental Governing Standards
  - Submit USFJ Form 50 Spill Report for reportable spills
- MCO P5090.2A
  - Contact MCICOM for releases that result in serious environmental harm
- MCIPACO 5090.4
  - Reporting procedures for MCIPAC installations
- III MEF/MCIPACO 5090.1A
  - Tenant commands will comply with MCB Butler EMS Procedures (EMSP)
- EMSP 11.1 Spill Prevention and Response Plan
  - Okinawa-specific plan detailing responsibilities
- EMSP 11.2 Spill Response and Notification Procedures
  - Required in all vehicles and posted in conspicuous location at all work centers where a spill could occur.
- Site Specific Spill Plans
  - Maintained at each site where significant spills could occur

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# MCIPAC Spill Reporting

- 
- Okinawa – Environmental Officer, MCIPAC reports to USFJ
    - Per MCIPACO 5090.4, III MEF/MCIPACO 5090.1A, EMSP 11.1
  - Japan/Korea – Installations report directly to USFJ/USFK, copy MCIPAC
    - Per MCIPACO 5090.4
  - Hawaii – Notify local and federal agencies and MCIPAC concurrently
    - Per MCIPACO 5090.4
  - All installations will notify MCICOM (when required) and MCIPAC concurrently
    - Per MCIPACO 5090.4

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**Okinawa Spill Data**  
**CY 2014**

**SPILL DATA JAN - DEC 2014**

	Total Vehicle Spills	Boiler / Generator Spills	Tank Spills	HAZMAT Transfer	Unknown Contractor	Personnel Error
USFJ Reportable	23	14	1	2	1	3
Non Reportable	27	18	4	3		2

Of the 23 USFJ spills, two were over 10 gal with the largest 150 gal from driver error.

Of the 18 Non-reportable vehicle spills, 8 were from dry rotted hoses.

All the tank spills were caused from improper procedures used by personnel.

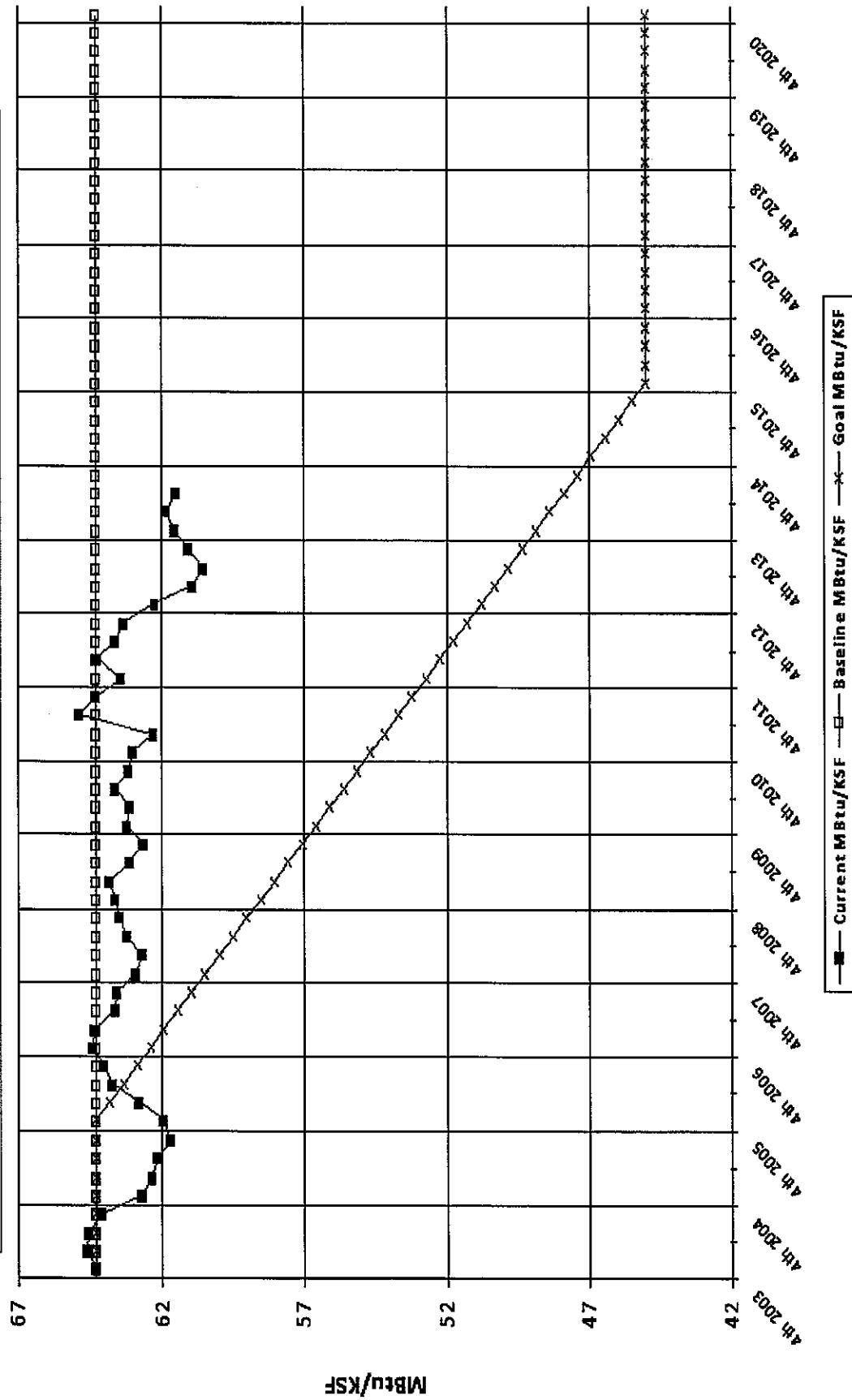
Personnel error caused a 50 and 100 gallon spill from improper procedures.

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**Energy Intensity Graph - Installation Group**  
**M67400 CG MCB CAMP BUTLER JA**  
**2nd Quarter FY 2014: April 2013 through March 2014**  
**Baseline Year: 2003**

Current Progress: 4.44%  
Current MBtu/KSF = 61.47  
Baseline MBtu/KSF = 64.33  
4th Quarter 2015 Reduction Goal: -30%

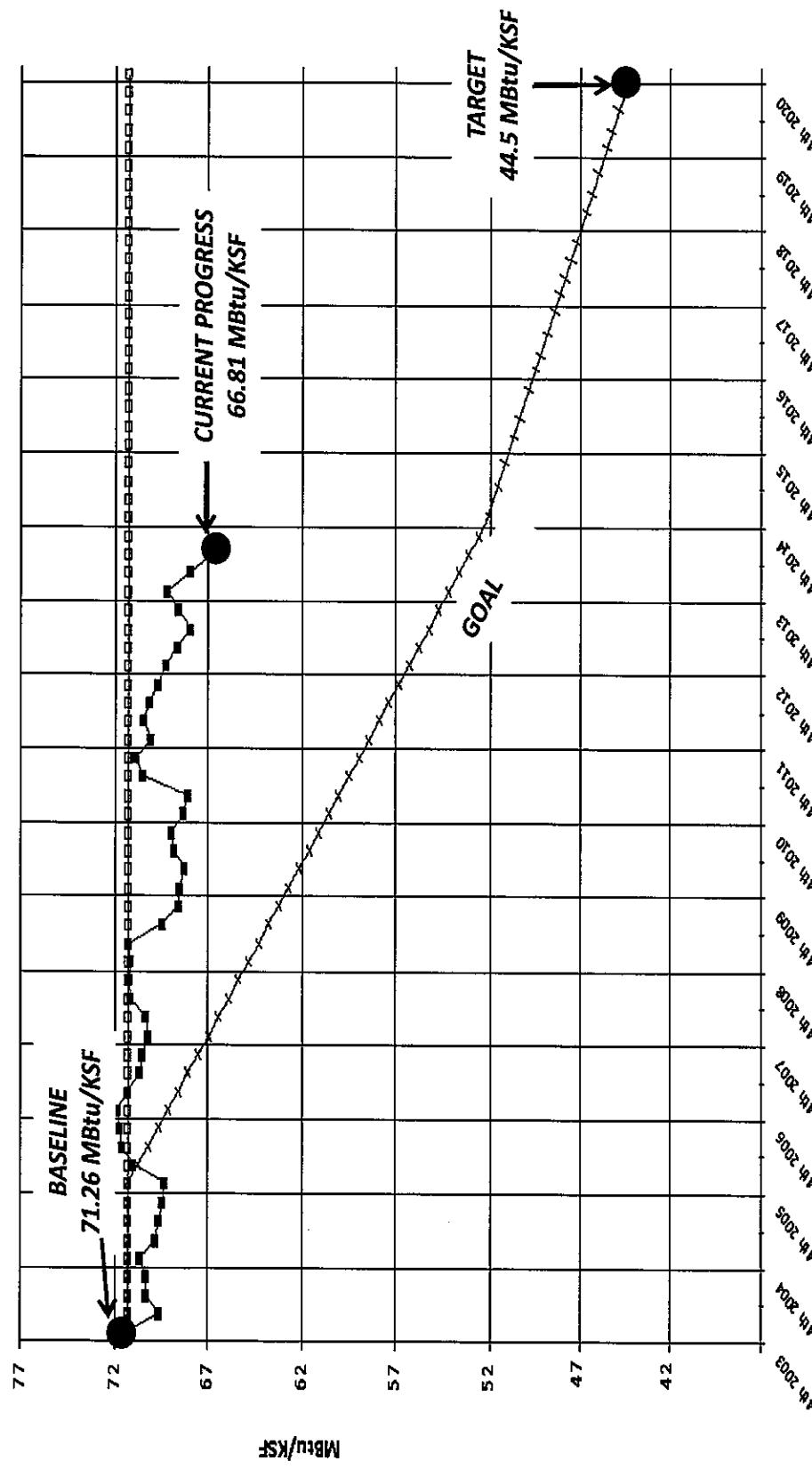
**Energy Reduction Progress**





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# *Energy Intensity Reduction Progress (MCIPAC-wide, '03 to present)*



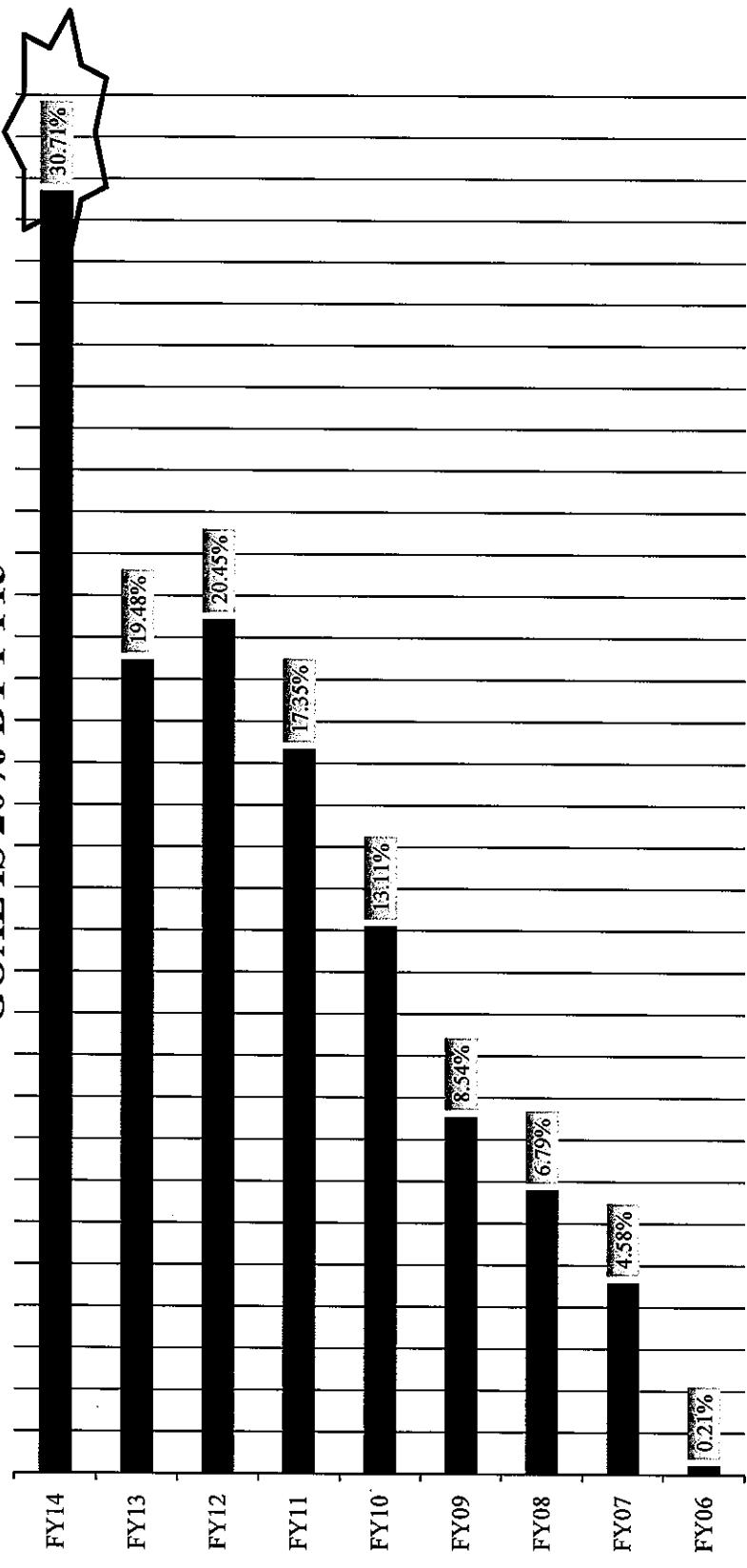
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# MCB BUTLER FUEL REDUCTION EFFORTS

CUMULATIVE REDUCTION % PER FY SINCE FY05  
GOAL IS 20% BY FY15



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## *Energy Reduction Target*

### **Energy Intensity of Facilities Reduced by 30% from FY 2003 by FY 2015 and 37.5% by FY 2020**

The percent reduction relative to FY 2003 in the total fossil fuel-generated energy consumed by DoD facilities per gross square foot of total DoD building space. A facility is defined as per the Energy Independence and Security Act of 2007 to be any building, installation, structure, or other property owned or operated by, or constructed or manufactured and leased to, DoD. The term facility includes a group of facilities at a single location or multiple locations managed as an integrated operation, and contractor-operated facilities owned by DoD. It does not include any land or site for which the cost of utilities is not paid by the federal government.

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# ***Vehicle Fuel Reduction Target***

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## **Use of Petroleum Products by Vehicle Fleets Reduced 30% from FY 2005 by FY 2020**

The percent reduction in petroleum product consumption by DoD non-tactical motor vehicle fleets relative to FY 2005. Only fleets numbering 20 motor vehicles or more are covered.

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## *Solid Waste Diversion Target*

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### **50% of Non-Hazardous Solid Waste Diverted from the Waste Stream by 2015 and Thereafter Through 2020**

The percent of the total non-hazardous solid waste stream generated and collected by DoD facilities (by weight), without construction and demolition debris, that is directed away from the waste stream, for example by reuse, recycling, and/or composting.

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